



Designer COMPACT Designer TT Designer RCV Designer RCE Designer RCA Designer XTAL Designer TOWEL RAILS  
Dry Stone

# The Definitive Guide to new generation electric heating



HAVERLAND  
*Designer*

Innovators, Designers and Manufacturers of New Generation Electric Heating

**“ The Haverland 'Designer' range is a technological revolution in design and performance ”**

*David Márquez*

David Márquez, designer.



# Welcome to the world of new generation electric heating

As electric power becomes increasingly popular as a preferred source of heating for homes and businesses in the UK, more and more consumers are switching to Haverland.

Already a highly successful brand in continental Europe, Haverland is at the forefront of design and technological advancement in 'new generation' electric heating.

Continual investment in on-going research and development ensures Haverland systems are not only environmentally friendly, but also offer customers the most economically viable and energy-efficient heating solutions currently available.

Benefits of a Haverland system include 'intelligent' high precision, electronic chrono-thermostatic control, which minimises energy wastage, at the same time as optimising energy use.

Our lightweight thermo-dynamic, high-density Fluid and 'Dry stone' thermal media, intensifies the performance and effectiveness of each radiator ensuring that heat is evenly distributed across the whole surface.

In addition, our built-in digital programme controllers allow the temperatures and heating schedule of each radiator to be set individually to create individual 'comfort zones' throughout a building or specific area.

## Save Energy with our built-in Energy Monitors

This refinement will enable Haverland customers to monitor and measure their energy usage and running costs.

In our experience, Energy Monitors encourage reductions in radiator temperature settings by one or two degrees. This action results in making further energy savings - without impairing comfort!



## Join our 'Drop 1 degree' to help Save the Planet campaign.

Haverland are also committed to environmentally friendly practices in our factories. You can also join in this important ecological initiative by dropping one degree on your thermostat. Not only will it help reduce your energy bills - it will also help to 'Save the Planet'!

Many Haverland products are produced from recycled materials. Recycled glass is used in the manufacture of our new XTAL towel warmers and our new generation radiators contain recycled aluminium.

# NEW Designer Compact

## with revolutionary new 'Dry stone' thermal technology



Designer  
**COMPACT**  
Dry Stone



Three models ranging from 1000 watts to 1800 watts.

For use in large spaces. Ideal for public buildings, hotels, Listed buildings, galleries, houses etc.

Pages 4-5

Designer  
**TT**



Five models ranging from 500 watts to 1500 watts.

Ideal for homes, offices and shops.

Pages 6-7

Designer  
**RCV**



Five models ranging from 750 watts to 1800 watts.

For use in partitioned new build office and apartment developments, public buildings etc. Part L compliant.

Page 8

Designer  
**RCE**



Five models ranging from 500 watts to 1500 watts.

Designer option at a budget price with high-precision thermostat and programme control.

Page 9

Designer  
**RCA**



Five models ranging from 500 watts to 1500 watts.

Fit for purpose. Simple to use. Ideal for sheltered housing, hotels, offices, etc.

Page 10

Designer  
**TOWEL RAILS**



3 Models ranging from 425 watts to 700 watts.

700i model with remote control.

Page 11

Designer  
**XTAL**



2 Models ranging from 400 watts to 600 watts.

'Flat plate style' tempered glass available in black or white.

Pages 12

Our simple, heating calculation guide to choosing the most suitable radiators for the project.

Pages 13

**Only Haverland offer you a complete, integrated range of new generation, electric heating options.**

## Haverland high precision thermostatic control is the key to saving energy

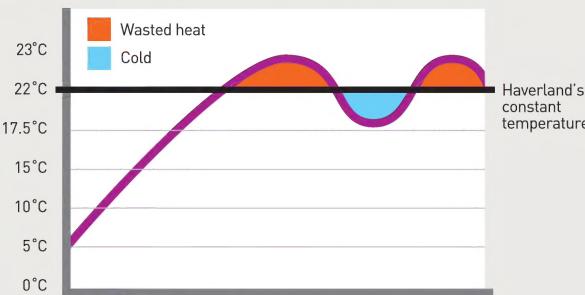
Traditional heating systems using oil and gas are typically controlled by a single thermostat, which is usually positioned in a central location e.g. in a hallway. However, when this location reaches its set temperature, it switches off, leaving some rooms colder than you might like, and others too hot.

Haverland's high precision, chrono-thermostatic control provides the ultimate in system controllability and energy efficiency by allowing you to programme each zone individually. This means buildings can be divided into distinct areas or 'comfort zones', set an optimum temperature for each and only heat them when you need to.



In short, the days of 'hit and miss' heating system control and wasteful energy consumption are things of the past!

### Haverland's high precision thermostatic control delivers constant heat – with minimal fluctuation



Traditional heating systems waste energy by allowing heat to fluctuate around the set temperature. Haverland's high precision thermostatic controls keep temperatures controlled.

### Features

- 'State of the art' energy management
- Digital programmer with 7 'lifestyle' settings plus one bespoke programmable option
- Optimises energy use
- Three temperature settings: Comfort, Economy and Anti-freeze
- Built-in energy management and monitoring
- Safety thermal limiter
- No plumbing required
- Safe, clean and easy to operate
- Easy to install

**NEW**

Designer  
**COMPACT**  
Dry Stone

Designed by David Márquez

*David Márquez*

1000W-1800W

For medium to high thermal output installations



## Takes up less space. Heats up more space!



Haverland Compact 'Dry stone' technology radiators have been specifically designed to meet the challenge of heating large spaces such as public areas, communal stairwells, listed and large traditional old buildings, hotels etc.

These areas, which typically have high ceilings, open-plan design and large windows, were always considered to be expensive and difficult to heat using traditional heating methods, but the high energy efficiency and intensified thermal performance of Compact 'Dry stone' have made it a cost-effective and viable alternative.

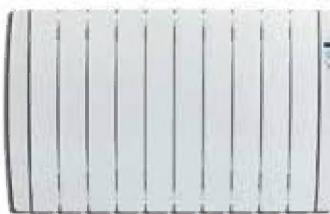
The secret of Compact's success lies in Haverland's 'Dry stone' thermal technology. This lightweight, high-density thermal medium provides a more imposing level of thermal performance.

It's this technology, together with Haverland's state of the art thermostat and digital programme control that enables property owners to maximise energy output with greater efficiency in zones where it is specifically required.

### Three radiator options from 1000W to 1800W



**Model RC 8 Compact TTi**  
1000W  
230V  
765 x 580 x 100  
Weight 18 Kg  
8 Elements



**Model RC 10 Compact TTi**  
1500W  
230V  
924 x 580 x 100  
Weight 26 Kg  
10 Elements



**Model RC 12 Compact TTi**  
1800W  
230V  
1083 x 580 x 100  
Weight 30 Kg  
12 Elements





## Haverland's new Compact 'Dry Stone' thermal radiators take up less space - heat more space!

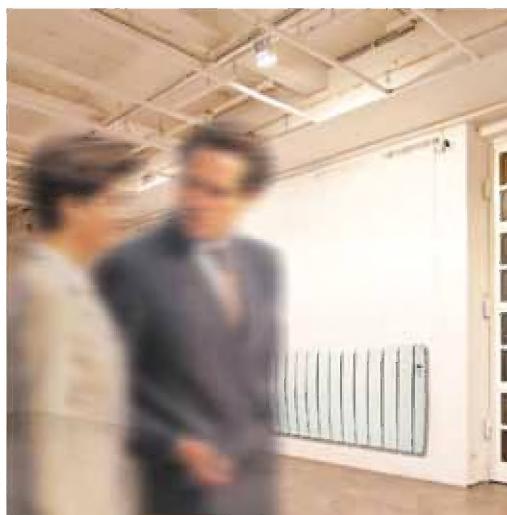
Haverland's 'Dry stone' thermal technology is a new and highly effective heat medium, able to absorb heat very quickly and then radiate it in a more intensive form.

Although they provide intensified heat outputs, 'Dry stone' radiators are significantly smaller and more compact than conventional radiators and **'punch well above their size'** in terms of thermal performance.



**New Designer Compact**  
with 'Dry stone' technology  
offers intensified heating  
performance - with the  
benefit of optimised  
energy use.

Specifically designed for larger spaces - public areas, listed buildings, shops, offices, hotels, etc.



Haverland's built-in digital programme controllers allow the temperature of each radiator to be set individually so that different 'comfort' zones may be created throughout the building.

*"Heating systems have to work harder in larger spaces. Haverland's Dry Stone technology means we can use less radiators while achieving the right level of comfort".*



For low to medium thermal output installations



# Energy saving, style and comfort in perfect harmony

The distinctive curved, linear design of Haverland's Designer TT range makes it a stylish, slim-line choice for any contemporary or traditional environment.

Designer TT is a fully integrated heating system, available in five different radiator sizes and with a variety of thermal outputs to ensure room temperatures remain constant, no matter what the external conditions.

Each radiator can be programmed individually to create different 'comfort zones' and thanks to 'Therma-max' - Haverland's high-density thermal medium - heat can be stored and transmitted for longer periods than traditional radiators.

A further advantage of Haverland's products comes from our use of 'clean technology', which helps to keep interiors free from the staining, dust and soot associated with conventional heating options.

## Five radiator options from 500W to 1500W - one to suit every application



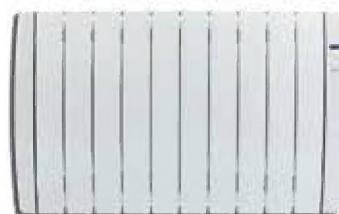
**Model RC 4 TT**  
500W  
230V  
447 x 580 x 100  
Weight 11 Kg  
4 Elements



**Model RC 6 TT**  
750W  
230V  
606 x 580 x 100  
Weight 15 Kg  
6 Elements



**Model RC 8 TT**  
1000W  
230V  
765 x 580 x 100  
Weight 19 Kg  
8 Elements



**Model RC 10 TT**  
1250W  
230V  
924 x 580 x 100  
Weight 23 Kg  
10 Elements



**Model RC 12 TT**  
1500W  
230V  
1083 x 580 x 100  
Weight 27 Kg  
12 Elements





The distinctive curved shape of the Designer TT helps it to blend in well with any decor. The thermostatic controls also allow you to create different 'comfort zones' wherever you want them.

## Advanced, reliable, versatile: the 'Designer' TT is the ideal choice for domestic and commercial environments.



Note: These recommendations are approximate and subject to size and height of each room, insulation quality and local climate.

**Model RC 10 TT or 12 TT**  
choose from a 10 or 12 element heater for medium to large living areas

**Model RC 8 TT**  
with 8 elements is ideal for the kitchen



**Model RC 4 TT**  
with 4 elements  
designed for bedrooms

**Model RC 4 TT**  
with 4 elements for an entrance hallway

**Model RC 6 TT**  
with 6 elements  
perfect for a dining room

**Model TE 700 I**  
infra-red remote control  
towel rail for the bathroom



*"Haverland radiators are so quick and easy to install".*

Designed by David Márquez

*David Márquez*



#### Haverland 'Designer' RCV

- Pilot wired zone control and management
- High precision thermal control and energy efficiency
- Zones controlled by a standard central heating panel (not supplied)
- Double isolated resistance
- Optional temperature settings - Comfort, Economy & Anti-freeze
- IP24 rated
- Class 2 - Category C

## RCV is compliant with Part L building regs.

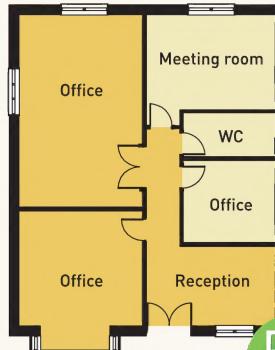
For partitioned, zone controlled heating in new build apartment, hotel, office developments, etc.

Designer RCV zoned and timer controlled heating systems comply with all of the relevant requirements of Part L Building Regulations (Oct. 2010).

They allow areas with a total floor space over 150 square metres to be divided into at least 2 zones, each with its own independently controlled timer.

Designer RCV radiators have a pilot wire specification which enables connection to a 'standard', central control panel.

Alternatively, each radiator can be programmed individually so that the temperatures in any room or zone may be manually adjusted to suit.



#### Five radiator options from 750W to 1800W



**Model RC 6 V**

750W  
230V  
606 x 580 x 100  
Weight 15 Kg  
6 Elements

**Model RC 8 V**

1000W  
230V  
765 x 580 x 100  
Weight 19 Kg  
8 Elements

**Model RC 10 V**

1250W  
230V  
924 x 580 x 100  
Weight 23 Kg  
10 Elements

**Model RC 12 V**

1500W  
230V  
1083 x 580 x 100  
Weight 27 Kg  
12 Elements

**Model RC 14 V**

1800W  
230V  
1242 x 580 x 100  
Weight 31 Kg  
14 Elements



Designed by David Márquez  
David Márquez



# RCE - a design option for low to medium thermal applications

For homes, offices, shops, etc.

The precision temperature control and effective heat output of the Designer RCE helps you to reduce your fuel consumption without affecting comfort levels.

The versatile RCE range can form part of an integrated system or work as a standalone unit wherever you want extra heat. They are easy to install – using the template provided, you simply screw the brackets onto the wall next to a wall socket, slot the radiator onto the brackets, and plug in.

The built-in digital programmer allows you to control the temperature in each room according to the needs of its occupant or changes in external conditions.

And as with all of Haverland's radiators, the RCE is an attractive addition to any interior. Its unobtrusive shape and styling allow it to blend in with its surroundings and its clean technology means no staining to walls or carpets.

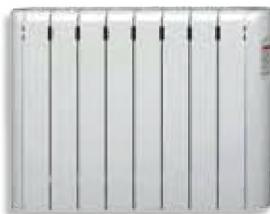
## Five radiator options from 500W to 1500W



**Model RC 4 E**  
500W  
230V  
435 x 580 x 94  
Weight 11 Kg  
4 Elements



**Model RC 6 E**  
750W  
230V  
593 x 580 x 94  
Weight 15 Kg  
6 Elements



**Model RC 8 E**  
1000W  
230V  
751 x 580 x 94  
Weight 19 Kg  
8 Elements



**Model RC 10 E**  
1250W  
230V  
909 x 580 x 94  
Weight 23 Kg  
10 Elements



**Model RC 12 E**  
1500W  
230V  
1067 x 580 x 94  
Weight 27 Kg  
12 Elements





# Simple heat at the touch of a button

For sheltered housing, care homes, apartments, hotels, offices, shops, etc.

Our versatile Designer RCA range is the ideal choice for sheltered housing, care homes and other multi-user applications, because it's cost-efficient, and also the most straightforward of our range to operate.

Available in five models, various sizes and thermal outputs, each model has just two controls – a simple on/off switch, and a clear, easy-to-operate dial to regulate the temperature settings.

Haverland's Thermo-Dynamic Fluid evenly distributes heat across the entire radiator surface and rooms are kept precisely to the desired temperature.

- High precision, electronic thermostat
- Thermo-Dynamic media
- A choice of three temperature settings: Comfort, Economy and Anti-freeze
- Two simple to use controls

### Five radiator options from 500W to 1500W



**Model RC 4 A**  
500W  
230V  
435 x 580 x 94  
Weight 11 Kg  
4 Elements

**Model RC 6 A**  
750W  
230V  
593 x 580 x 94  
Weight 15 Kg  
6 Elements

**Model RC 8 A**  
1000W  
230V  
751 x 580 x 94  
Weight 19 Kg  
8 Elements

**Model RC 10 A**  
1250W  
230V  
909 x 580 x 94  
Weight 23 Kg  
10 Elements

**Model RC 12 A**  
1500W  
230V  
1067 x 580 x 94  
Weight 27 Kg  
12 Elements





# Cost effective solution for creating a bathroom 'comfort zone'

Haverland's Designer TE electric Towel Rails are not only functional, they are also an attractive and cost-effective design feature in any modern or period-style bathroom.

Available in white enamel in three convenient sizes, and technical specifications, the range is supplied with wall supports and mounting template and comes with a Two Year Guarantee.



\*Model TE 700i  
has digital wall  
mounted programmer

## Three options from 425W to 700W



**Model TE 425E**  
425W  
230V  
500 x 800 x 110  
17 elements  
IP44 rated  
Class 2



**Model TE 700E**  
700W  
230V  
500 x 1200 x 110  
25 elements  
IP44 rated  
Class 2



**\*Model TE 700i**  
700W  
230V  
500 x 1200 x 110  
25 elements  
IP44 rated  
Class 2  
Infra-red remote control  
digital programmer



# Designer XTAL

Designed by David Márquez

*David Márquez*



400W  
600W

## New 'flat plate style' towel warmers

**The revolutionary new XTAL takes bathroom towel warmer technology to another level.**

Its innovative 'flat plate style' ultra slim design features safety-tempered glass, which heats up across its entire surface for ultimate comfort and towel-drying effectiveness.

Highly energy-efficient, the XTAL range delivers a new level of bathroom comfort. Temperatures can be precision-programmed via the radio frequency digital thermostat and users can choose their own programmes or select from nine pre-set options.

It's easy to install and comes complete with all fixings and brackets.

Its sleek contemporary design makes a real statement in any bathroom setting and because it's available in either black and white, it's easy to choose an option that not only works efficiently but also looks good in any colour scheme.



Thermal uniformity  
across the whole  
surface

## A technological revolution in towel warmer design and performance



**Model XTAL4N (Black)**  
**Model XTAL4B (White)**

400W  
230V

480 x 840 x 145

Glass plate technology

Class 2

Radio frequency remote  
control digital  
programmer

**Model XTAL6N (Black)**

**Model XTAL6B (White)**

600W

230V

580 x 1090 x 145

Glass plate technology

Class 2

Radio frequency remote  
control digital  
programmer



New XTAL available in stunning opaque gloss black or white finishes



# Making heating calculations

## Step one

100 watts = 1 square metre



## Step two

### Calculating rooms with ceiling heights of up to 3 metres

Example: room 5 metres x 3 metres = 15 sq metres

Therefore: heating calculation = 15 sq m x 100 watts = 1500 watts

We recommend: 1 x Designer RC 12 E = 1500 watts

### Calculating rooms with a ceiling heights of 3.5 metres

Example: room 6 metres x 3.5 metres = 21 sq metres

Ceiling height 3.5 metres ÷ 3 = 1.16

Multiply 21 sq metres x 1.16 = 24.36 sq metres

24.36 sq metres x 100 = 2,436 watts

We recommend: 1 x Designer RC 12 TT = 1500 watts

1 x Designer RC 8 TT = 1000 watts

= 2500 watts

### Calculating rooms with a ceiling heights of 4 metres

Example: room 5 metres x 4 metres = 20 sq metres

Ceiling height 4 metres ÷ 3 = 1.33

Multiply 20 sq metres x 1.33 = 26.6 sq metres

26.6 sq meters x 100 = 2,600 watts

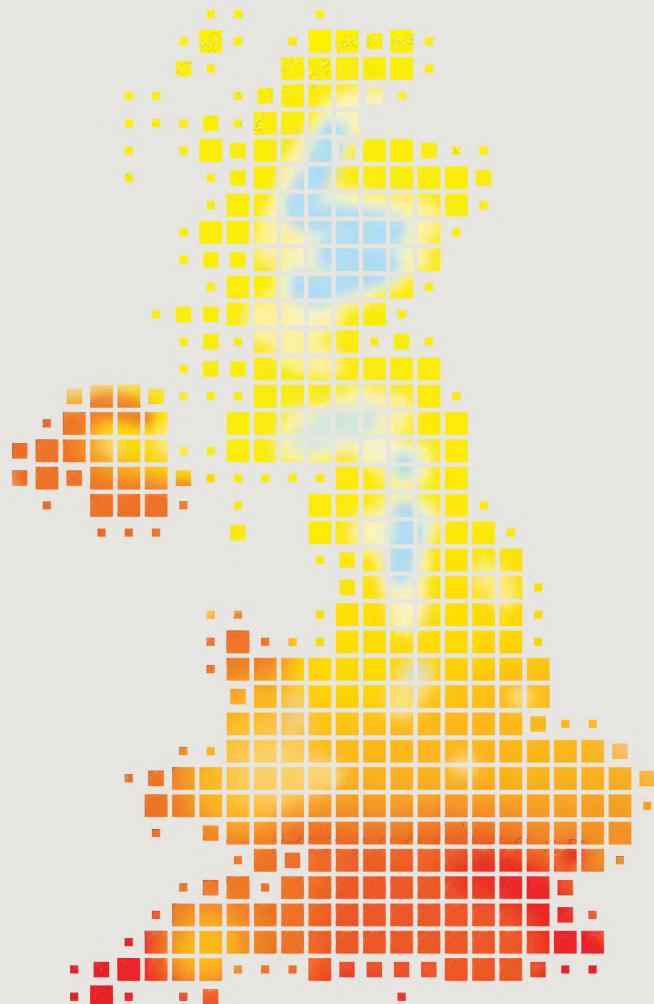
We recommend: 1 x Designer RC 12 TTI = 1800 watts

1 x Designer RC 8 TTI = 1000 watts

= 2800 watts

These calculations are based on red areas of the map opposite.

We recommend that it is always more energy efficient to over-specify slightly.



Thermal map of the United Kingdom.

For other climatic zones or other circumstances  
please contact us.



# HAVERLAND

Innovators, designers  
and manufacturers of  
new generation  
electric heating

Designed by David Márquez

*David Márquez*



## Trusted throughout the world

Haverland's large and comprehensive range of new generation heating solutions has been tried and tested throughout Europe, Scandinavia, North and South America and the Far East, including Japan.

Our technological innovation and manufacturing quality is widely respected around the world by consultants, contractors, and end users. In addition, our experience covers a wide cross-section of applications including domestic, retail, office, listed properties, public buildings, hotels etc.

If you have a specific heating project, please call Haverland UK. We'll be delighted to discuss your requirements and provide no-obligation, heating advice, recommendations and calculations.



Haverland UK Limited  
The Mill House, Conygre Farm,  
Easton Royal, Pewsey,  
Wiltshire SN9 5LU  
Customer Service Telephone: 01672 811940  
Fax: 01672 811944  
email: [heat@haverland.co.uk](mailto:heat@haverland.co.uk)  
**[www.haverland.co.uk](http://www.haverland.co.uk)**



Corporate Headquarters and Factory  
Marsan Industrial, S.A.  
Avda. San Martín de Valdeiglesias, km-2,2  
28925 Alcorcón, Madrid, Spain  
Tel: +34 91 6427020  
Fax: +34 916191950  
email: [export@haverland.com](mailto:export@haverland.com)  
**[www.haverland.com](http://www.haverland.com)**